

DIAGNOSTIC FOR VISUAL DETECTION OF MEDIA ADVANCE ERRORS

ABSTRACT OF THE DISCLOSURE

5 A diagnostic technique allows an easy visual detection
of poor media advance calibration. The diagnostic tech-
nique employs a print mode that prints different areas of
the plot at different passes with a controlled amount of
advances between them. The dot positioning error in the
different areas has a non-systematic nozzle contribution,
that tends to cancel out, and a systematic contribution due
10 to the accumulative media advance error. Different pat-
terns can be used to make the dot positioning error due to
the accumulative media advance error show up. By increas-
ing the number of media advances between the printing of
sets of pixels, e.g. pixels in a horizontal line, the
15 effect of accumulated errors and the apparent visual effect
is increased.